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AGRICULTURAL LIBRARIES INFORMATION NOTES

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NPIRS--WHAT IT IS

"NPIRS" stands for National Pesticide Information Retrieval System. It's a computer-based data resource that contains information describing key characteristics of pesticide products registered by the U.S. Environmental Protection Agency and participating state regulatory agencies.

The National Pesticide Information Retrieval System (NPIRS) is being developed by Purdue University under a cooperative agreement administered by Cooperative State Research Service, (CSRS), U.S. Department of Agriculture. The NPIRS will be an online computer system providing access to EPA pesticide information on registered pesticides and will provide the opportunity for searching for the most recent pesticide recommendations. The NPIRS coordinating committee includes representatives of the various concerned agencies and Purdue University as well as some industry representatives.

The information is made available through a computer network to land-grant universities, state regulatory offices, federal and state scientists, pesticide industries, various user groups, and others working on pesticide related activities.

Information Provided

At the center of NPIRS is information, specifically pesticide information. This includes herbicides, fungicides, insecticides, rodenticides, disinfectants, plant growth regulators, defoliants, and desiccants. In fact, NPIRS information comes directly from EPA and participating state registration data (label data).

For each EPA-registered product, the NPIRS data base provides the following:

- Product name(s)
- Registrant name and address
- EPA registrant number (including 24(c)'s)
- Type of formulation
- Signal word
- Type(s) of pesticidal activity
- Name and percentage(s) of active ingredients
- Site(s) and crop(s)
- Pest(s) for each site or crop
- State-specific registration information (optionally)

The data base can be queried for federal or state data for the following options:

| | |
|-------------------------|-----------------------------|
| Site (crop) | Site-pest combination |
| Pest | Site-ingredient combination |
| Active ingredient | Pest-ingredient combination |
| EPA registration number | Brand name (product name) |

Furthermore, the information can be obtained in any of these four output formats, depending on the user's need:

1. Brief data (product name and EPA registration data only)
2. Basic data (product name, EPA reg. no., registrant name, formulation, type of pesticide, active ingredients)
3. Basic data plus sites
4. Basic data plus sites and pests

Computing Equipment

NPIRS answers the needs of extension, research, regulatory, industry association memberships, consultants, and many others who need pesticide information on a nearly instantaneous basis.

At present, the NPIRS Cooperative Pilot System (CPS) is online through the Laboratory for Applications of Remote Sensing (LARS) at Purdue University, West Lafayette, IN. LARS runs IBM's VM/SP operating system on its IBM 4341 computing system. VM/SP is a highly interactive operating environment in which each of the many simultaneous users appears to have an entire IBM mainframe computer devoted to his exclusive use.

Plans and Capabilities

NPIRS can be accessed through dial-up terminals utilizing the American Standard Code for Information Interchange (ASCII). The great majority of terminals on the market today are ASCII terminals.

Currently this Project has a prototype data base in operation with 12 pilot states using the Purdue computing facility. To provide for prototyping there is being developed a Cooperative Pilot System (CPS) involving, primarily, the land-grant universities and regulatory agencies in nine states (AZ, IL, IN, KS, MI, MN, NJ, NY, NC), plus the USEPA, USDA, and private industry. Presently, four states are on the system and the other cooperators are in the process of getting online.

The final stages of the selection process for the facility which will be the permanent site for the data base are being carried out. It is anticipated that the data base will be moved to the ultimate vendor's facility by June and the implementation phase of the project will be completed by December with all states having access to the data base by that time.

In the future, use data (e.g., 5 lb/ac, 5 oz/10 gal, etc.) tolerance data, Sec. 18s, medical treatments and other related information will be added, while existing programs will continually be updated.

For example, the EPA recently requested additional information before writing its final toxaphene RPAR PD-4 statement. Within

10 seconds, NPIRS responded to the query, "How many products contain toxaphene?" with the answer, "806". Then within about 25 minutes, it had provided a brief description of all 806 products (Output Format 1 -- Product name and registration data). Full labels, per Output Format 4 -- Basic data plus sites and pests, can be printed out for any given product in five minutes or less. How long would this task take you now?

NPIRS Teams

Involved in the development and implementation of NPIRS are three component groups -- the Development Staff, the Coordinating Committee and the Cooperative Pilot System Users.

The Development Staff, located at Purdue University in West Lafayette, IN, interacts with the coordinating committee, users and others to get input on needs for the NPIRS. Using this information, they write software which enables manipulation of the data base in response to NPIRS users' queries. The developmental staff is also responsible for keeping the overall NPIRS project on schedule.

NPIRS is coordinated through the Agricultural Experiment Station, Dr. Bill Baumgardt, Director, and the Cooperative Extension Service, Dr. Howard Diesslin, Director. Dr. John Osmun is administratively responsible for the program.

The Coordinating Committee, chaired by Dr. Nancy Ragsdale (USDA-CSRS) is made up of representatives of state Cooperative Extension Services, state Agricultural Experiment Stations, state regulatory agencies, pesticide industry, U.S. Environmental Protection Agency (USEPA), USDA and Purdue University. The committee meets at intervals coinciding with completion and initiation of the various phases of the project. The broad base of this committee affords input to the development staff and USDA on the overall direction of the NPIRS.

The Cooperative Pilot System (CPS) Users, include the land-grant universities and regulatory agencies of the nine states listed earlier, USEPA, USDA and a representative of the pesticide industry. The states selected insure feed back from diverse agricultural areas around the U. S. The CPS will allow interrogation of all aspects of the data base, provide for suggestions for present and future needs, and aid in debugging the system.

For more information, questions, or comments write or telephone Don Cress, Manager of User Services, NPIRS, Entomology Hall, Purdue University, West Lafayette, IN 47907 (317) 494-6614.

--From *NPIRS News* 1(1):1-4, Nov. 1982

A BOTANICAL HOMECOMING

An Exhibition of Wildflowers Gathered
in Colonial Maryland in the 1690's

*by C. Rose Broome (Plant Taxonomist and
Senior Examiner, Plant Variety
Protection Office, AMS, USDA,
Beltsville, MD)*

In 1696, when Maryland was a British crown colony and William III was on the throne, Annapolis was a city only seven years of age and fewer than 40 buildings strong. In that year the young Reverend Hugh Jones arrived from London to assume a ministerial position for the Church of England, and to collect specimens of plants, animals, fossils, and other objects of natural history. The Royal Society of London, a body of the finest scientists in the British Isles, was hungry for knowledge of the biological resources of the New World. That hunger had been amply whetted by the wonders that had reached them from the collections of John Banister in Virginia during the prior decade.

Hugh Jones had little background in the biological sciences, but when he was selected for his ecclesiastical duties by the Bishop of London, Henry Compton, he was also given a "crash" course in natural sciences by learned men at Oxford University and by the bishop himself, who maintained one of the finest gardens in England.

Bishop Compton was a fellow of the Royal Academy, and also of an informal body of scientists and educated laymen whose principal interest was in plants - the Temple Coffee House Botany Club. This group gathered each Friday evening to exchange information on botanical subjects. As was the case during that period, the emphasis was on the discovery of medicinal, ornamental, of otherwise new or useful plant species. After John Banister's death

in 1692, the Botany Club placed a high priority on replacing that Virginia-based naturalist with another collector who would supply them with novelties from North America. Since naturalists working far from home had to be supported financially, it was often Bishop Compton who provided a paid position for a minister-naturalist in the colonies. Hugh Jones was by no means the equal of a John Banister, but he was available and willing and as a result he became Maryland's first naturalist.

Governor Francis Nicholson welcomed young Jones to Annapolis on a sweltering August day. Jones remained with the governor for five weeks. He was then appointed rector of Christ Church Parish, a wealthy and populous tobacco-growing region on the peninsula which is now Calvert County, bounded by the Chesapeake Bay on the east, and the lower Patuxent River on the west.

Much of Jones's time was occupied by his ministry to the parish, but still he found moments to seek out specimens to send to his new scientific friends. The first two boxes of specimens arrived in London in 1697 and were received by the prominent naturalist James Petiver. More followed in 1698. The Reverend Hugh Jones continued to send material to London until he was incapacitated by tuberculosis in 1699. He died in Maryland in early 1702.

In 1698 two other naturalists came to Maryland. William Vernon, a fellow of St. Peter's College, Cambridge, was sponsored by Governor Nicholson and the Royal Society of London. Dr. David Krieg, a ship's surgeon, naturalist, artist, and friend of James Petiver arrived independently. These two men spent only the growing season of 1698 in Maryland, but their excellent collections are far more numerous than those of Jones. Jones, Krieg, and Vernon probably collected specimens only in the Coastal Plain of Maryland along the Chesapeake Bay.

As a result of their activities, the

gardens of kings, bishops, and landed gentry in Europe became greatly enriched, and scientists such as James Petiver, Leonard Plukenet, and John Ray described many species from Maryland in the technical literature as new to science. These New World plants subsequently came to the attention of Carl Linnaeus, the famed Swedish naturalist who revolutionized the science of plant and animal classification and naming. Many were included in Linnaeus's landmark book, *Species Plantarum*, published in 1753. Linnaeus, who developed a new and simplified system of nomenclature, shortened the original lengthy phrase-names that had been given these plants by earlier authors, to two words - the name of the genus followed by an adjective, often descriptive of some distinctive feature of the species, or taken from the name of a person or place.

Unfortunately, Linnaeus never saw most of the original plant specimens collected by the first three Maryland naturalists. Instead he took descriptions of the species they represent from the published literature, or he saw specimens of those species in gardens or sent by later collectors. Linnaeus cites Petiver, Plukenet, and Ray copiously, and he mentioned Maryland as the origin of about 100 species. Nine of these species he named "marianum" or "marilandicum" in honor of the Colony in which they were first collected. *Clitoria mariana* was the name Linnaeus chose for the Maryland butterfly-pea, a species originally named *Clitorius Marianus trifoliatus subtus glaucus* by James Petiver in 1704.

The specimens of Jones, Krieg, and Vernon were saved and became incorporated into the vast collections of the British Museum (Natural History) in London when it was founded in the 18th century. There they remained, the vast majority of them unidentified or labeled only with the old, pre-Linnean phrase name, bound in

huge books and filed in the historic Sloane collection.

Several years ago Professor James L. Reveal of the University of Maryland was shown these volumes of North American plants by a member of the Museum's curatorial staff. Dr. Reveal recognized familiar species which were labelled only "Maryland" and "Krieg," "Vernon," "Jones," and became very excited indeed. He realized he was probably looking at the very earliest plant specimens from his own State.

Back at home, Reveal thought about his find, and about the possible implications these old specimens might have had for the course of North American botany. So he put together a team consisting of Dr. Melvin L. Brown, University of Maryland plant taxonomist and co-author of the only modern-day flora of Maryland; Dr. George F. Frick, historian from the University of Delaware and authority on colonial naturalists, and myself. We obtained support from the University of Maryland, the National Science Foundation, and the U.S. Fish & Wildlife Service, and went off to London.

First we tackled the job of identifying the 3,000 or so specimens with their "modern" names. More than 500 species of ferns, wildflowers, shrubs, and trees were discovered to have been gathered in Maryland prior to 1700.

Then we set about learning about the life and times of the little-known men to whom we owe this unique record of the seventeenth century in Maryland. We have learned much and we are now publishing a series of papers on our findings.

Inasmuch as 1984 is the 350th anniversary of the European settlement of Maryland, an exhibition was arranged of many of the actual Jones, Krieg, and Vernon plant collections. For the first time in 285 years, these priceless plants are coming home, albeit briefly, from their long stay in England. Both the British Museum (Natural History) and the University of Oxford are lending specimens for the exhibition, which will be held during the month of March. Sponsors of the exhibition are the University of Maryland,

The Maryland Hall of Records, the Maryland State House Trust, Christ Church Parish in Calvert County, Maryland, Hunt Institute for Botanical Documentation in Pittsburgh, and the National Agricultural Library in Beltsville, Maryland.

A selection of the Maryland specimens will be displayed in the lobby of the National Agricultural Library from March 14th to April 1, 1983. NAL historian Dr. Alan Fusonie is coordinating this exhibition, which is open to the public during library hours. The plants will be accompanied by original editions of the earliest 17th and 18th century publications describing and illustrating the Maryland collections. Superb engravings and color plates from the rare holdings of NAL and the Hunt Institute will be shown alongside plant specimens that might have served as their models. A number of them represent species which are now rare or extinct in Maryland, such as the lovely swamp-pink (*Helonias bullata*), the chaff-seed (*Schwalbea americana*), the walking-fern (*Camptosorus rhizophyllus*) and the dragon's-mouth orchid (*Arethusa bulbosa*). Also on exhibit are the first Maryland collections of the plant species most vital to the colonial economy - tobacco (*Nicotiana tabacum*).

The plants in this exhibit are a valuable sampling of the indigenous flora of a region which, in the nearly three centuries since they lived has experienced so much change that it can never be as before. How grateful we should be to those first men of science in eastern North America who have preserved a small glimpse of the past for us to ponder and enjoy.

Library hours are 8:00 a.m. - 4:30 p.m.
Monday - Friday.



AGRICULTURAL ECONOMICS WORKSHOP

The Agricultural Economics Reference Organization will hold its first workshop April 27-28, 1983 at the University of Illinois, Urbana. The meeting will also serve as the first business/ organizational meeting of A.E.R.O. Topics to be covered include:

Online Searching
Agricultural Economics Reference Tools
and Techniques
American Agricultural Economics
Documentation Center
National Agricultural Library
Non-bibliographic Databases
Use of Micro-computers in Online
Searching.

There is no cost for the workshop, but, participants will have to pay their own transportation, motel, and meals. For further information contact:

Judith Siess
Department of Agricultural Economics
University of Illinois
1301 W. Gregory Drive
Urbana, IL 61801
(217) 333-2073

Extension in the 80's. A Perspective for the Future of the Cooperative Extension Service. This report culminates the work of a national committee set up to guide the future mission scope, priorities, and policies of the nationwide informal education system. Copies of the report will be available about the middle of March and will be distributed widely by state and county Extension Service offices. Free copies also available from Laverne Forest, Project Coordinator, Cooperative Extension Service, 432 North Lake St., University of Wisconsin, Madison, WI 53706, or Mary Nell Greenwood, Administrator, Extension Service, USDA, Washington, D.C. 20250.



AGRICOLA

Dialog Information Services, Inc. has announced that they plan to reload the entire 1982 AGRICOLA file to correct several problems which occurred during data conversion. The reload will correct the following:

- languages
- add the subject category codes used beginning in 1982
- create a new subfile "ADU" for Adult Extension materials

The last change will permit users to quickly do a search for Adult Extension materials using SF= rather than using the saved search we announced in an earlier ALIN issue.

The reload should be completed within a few months. We will announce it in a future ALIN column when it is available for general use.

Oryx Press, the publishers of the *Bibliography of Agriculture*, will be publishing a new listing of the journal titles indexed in AGRICOLA. Contact them for price and date of availability at 2214 North Central at Encanto, Phoenix, AZ 85004. This new edition will give the NAL call number with each journal title.

-- Joseph R. Judy, Chief
Information Systems Div., NAL
(301) 344-3813

DIALOG AGRICOLA FILE RELOAD

DIALOG has agreed to reload the entire 1982 AGRICOLA file and to correct several other programming problems. In reloading all of 1982 they will do the following:

- reload all records using the correct language codes

- make searchable all records with the new subject category codes issued beginning in January 1982

- create a new subfile "ADU" for Adult Extension materials

DIALOG is also making the necessary programming changes to load the new subject category codes that we implement with the January 1983 sales tape. They will also create another new subfile "PAR" for the records input for the *Index-Catalogue of Veterinary and Medical Zoology*.

The reload and reprogramming are being worked on now. The reloaded 1982 records should be available by March for general use.

-- Joseph R. Judy, Chief
Information Systems Division, NAL
(301) 344-3813

NATIONAL AGRICULTURAL LIBRARY ONLINE TRAINING CLASSES

The National Agricultural Library (NAL) will be sponsoring intensive introductory level AGRICOLA, CRIS, and CALS workshops and advanced level AGRICOLA workshops during fiscal year 1983 (October 1, 1982-September 30, 1983).

AGRICOLA, CRIS and CALS Introductory Level Workshops

The workshops will emphasize online access to the CRIS (current research information) and AGRICOLA (agricultural literature) data bases, as well as the provision of CALS (Current Awareness Literature Service). Topics covered will include: online systems access, Boolean logic, search strategy formulation, efficient search techniques, and proficiency in the searching of CRIS and AGRICOLA, as well as profile writing for CALS service. The workshops are designed to provide an overview of NAL services and an introduction to information retrieval through the use of AGRICOLA, CRIS, and CALS. The workshops are primarily intended for professional librarians and technical information specialists. However, researchers, scientists, or educators with

a continuous need to search for agricultural information from an online system may also participate. No prior online searching experience will be expected of participants.

AGRICOLA Advanced Level Workshops

The advanced level workshops are designed for sophisticated and experienced searchers of AGRICOLA (i.e. those with one or more years of searching experience) and will give participants an advanced understanding of the use, function, and content of the AGRICOLA data base; its design structure and principal features; its strengths and weaknesses in relation to other agricultural data bases; and its scope of subject coverage, unique features, and problems.

Participants should come away from the advanced seminar with a clear understanding of how to use AGRICOLA effectively, when to choose it over another data base, and how to formulate and execute a complicated search on a complex subject and do so in an efficient manner. The main thrust and major emphasis of the advanced level classes are on the efficient retrieval of complex agricultural information from AGRICOLA and related data bases.

Twenty persons (introductory) and 15 persons (advanced) will be accepted for each workshop, with preference being given to individuals within the USDA community, the land-grant or agricultural universities, and other cooperating institutions. Registrants will be responsible for their own lodging, meals, and transportation, but all equipment, manuals, and instructions will be provided.

Persons interested in registering in a workshop or seeking additional information should submit their request on letterhead stationery to: Educational Resources Staff, National Agricultural Library, Room 1402, Attn: D. Hoyt, Beltsville, MD 20705. Requests for enrollment must be received at least 2 weeks prior to the

workshop date. Emergency telephone reservations or inquiries may be made by calling (301-344-3937).

Workshops will be held at the following dates and locations throughout the fiscal year:

| <u>Introductory Level*</u> | <u>Advanced Level</u> |
|--|---|
| April 18-22, 1983 USDA, S. Agric. Bldg. Washington, D.C. | May 9-11, 1983 Washington State University Pullman, Washington |
| May 16-20, 1983 USDA, S. Agric. Bldg. Washington, D.C. | July 18-20, 1983 Kansas State University Manhattan, Kansas |
| June 13-17, 1983 USDA, S. Agric. Bldg. Washington, D.C. | September 7-9, 1983 USDA, S. Agric. Bldg. Washington, D.C. |
| August 1-5, 1983 University of Kentucky Lexington, Kentucky | |
| September 12-16, 1983 USDA, S. Agric. Bldg. Washington, D.C. | |

* Additional fiscal year 1983 introductory level workshops will be announced at a later date.

--David Hoyt, Leader
Training & Education, NAL

The information presented at the November 1981 Beltsville Agricultural Research Center special symposium, "Research and Small Farms," was assembled and resulted in the July 1982 release of the Proceedings. The publication, identified as MP-1422, is more than 300 pages in length and is for sale by the Superintendent of Documents at a cost of \$7.50 domestic and \$9.40 foreign, per copy. As of December 31, 1982, more than 7,000 copies have been distributed and the Government Printing Office has requested additional copies to put on sale. The publication is one of the end-products of the recent concerted effort by the USDA and many others to improve the small farms segment of the agricultural community.

**AWARDS TO BE PRESENTED BY ASSOCIATES
OF THE NATIONAL AGRICULTURAL LIBRARY,
INC.**

Three special awards will be made to nominated outstanding recipients in the agricultural library community by the Associates of the National Agricultural Library, Inc. at their annual meeting in the summer of 1983.

The three awards are: (1) **PROFESSIONAL ACHIEVEMENT AWARD** for any published contributions to library literature or meritorious accomplishment in the library science fields. Eligibility: Open to scientists, researchers, librarians, professional societies, businesses and Associates NAL, Inc.

(2) **CITATION OF SPECIAL RECOGNITION** for special achievement and/or service given to the National Agricultural Library, to other agricultural libraries, or significant achievements leading to the advancement of the library science field. Eligibility: Open to concerned individuals and organizations and businesses in the agricultural field, NAL staff, and the Associates NAL, Inc.

(3) **DISTINGUISHED SERVICE AWARD** recognizes and encourages meritorious performance exceeding job requirements at the National Agricultural Library. Eligibility: Open to all members of the National Agricultural Library staff.

All nominations should be mailed not later than May 31, 1983 to Barbara Williams Jenkins, Box 1565, South Carolina State College, Orangeburg, South Carolina 29115. Each nomination should include the following information: (1) Name of the award for which the candidate is proposed, (2) a brief statement of the basis of the nomination and, (3) where appropriate, a bibliography which supports the nomination.



AGRICULTURAL TRANSLATIONS

This column is an alert to selected new receipts at NAL. They are available thru loan request (AD-245) to USDA personnel. Paid photoduplication to non-USDA persons is available (\$3/10 pages or fraction thereof per citation) Trans. No. and citation MUST be on request. Send to:

Utilization Section
National Agricultural Library
U.S. Dept. of Agriculture
Beltsville, MD 20705

Baskakin, E. N. Gluing Wood with the Adhesives FR-100 and FRF-50 Using High-Frequency Heating. Translated from Russian: *Derev. Prom.*, 12: 8-9, 1981. Trans. No. 28446.

Charley, B., et. al. Modification in the Immune Reactions in the Course of Swine Fever. Translated from French: *Ann. Rech. Vet.*, 11(1) 27-33, 1980. Trans. No. 2837 TT 81-53432.

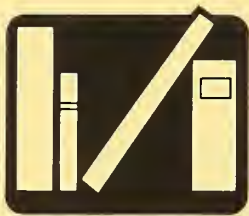
Ivanov, Iu. M. and Slavik, Iu. Iu. The Evaluation of the Long-term Bending Strength of Wood Using the Results of Short-term Tests. Translated from Russian: *Lesnoi Zhurnal*, 2: 66-70, 1981. Trans. No. 28445.

Ivanov, Iu. M. On the Long-term Strength of Wood. Translated from Russian: *Lesnoi Zhurnal* 5: 71-75, 1981. Trans. No. 28424.

Schoss, P. Aujeszky's Disease and Its Control. Translated from German: *Tierzuchter*, 32(4): 140-142, 1980. Trans. No. 28203. TT 81-53845.

Tainturier, D. New Data on the Pathology of Reproduction in the Cow, Goat, and Mare. Translated from French: *Rev. Med. Vet. (Toulouse)*, 131(3): 197-199, 1980. Trans. No. 28411. TT 81-53417.





NEW BIBLIOGRAPHIES

Bibliography of Rice Soils, Rice Nutrition and its Fertilization (1949-1979). Nanjing, China, Dept. of Information Service & Library, Institute of Soil Science, Academia Sinica, 1980. 4,200 citations. Price unavailable. 276p. Order from Publisher (NAL call no.: Z5074.R5B47).

Carbon Dioxide and Climate: A Bibliography. Axel C. Ringe. Oak Ridge, TN, U.S. Dept. of Energy, Technical Information Center, 1981. 667 citations with abstracts. Order from NTIS, Springfield, VA 22161. (NAL call no.: Z5524.624C3).

Cholesterol in Foods and its Effects on Animals and Humans (Sep. 74 - Jan. 82). Citations from the Food Science and Technology Abstracts Data Base, New England Research Application Center. Springfield, VA, National Technical Information Service, 1982. 258 citations. Price code: PC NO1 MF NO1, order from NTIS, Springfield, VA 22161. (NAL call no.: Z6663.L56C48).


Economic Research of Interest to Agriculture, 1979-1981. Grace Dote. Berkeley, CA, Giannini Foundation of Agricultural Economics Library, University of California, June 1982. 64p. Price unavailable. Order from publisher. (NAL call no.: Z5074.E3E3).

Food Taste 1977-February 1982 (Citations from the NTIS Data Base). National Technical Information Service, Springfield, VA, 1982. 156 citations. Price code PC NO1/MF NO1. Order from NTIS Springfield, VA 22161. (NAL call no.: Z5776.C4F6).

Selected Bibliography Related to Safety for the Logging and Lumber Industry.

Morgantown, W. VA., Cooperative Extension Service, West Virginia University, Center for Extension and Continuing Education, 1983. 8p. (WV-OSH-5) \$1.00. Order from Arthur L. Puskas, Extension Specialist, Forest Safety, West Virginia University 113 Agricultural Sciences Annex, Morgantown, WV 26506.

Urban Forestry: A Bibliography. J. Albrecht and P.J. Weicherding. St. Paul, MN, Agricultural Experiment Station, University of Minnesota, 1980. 100p. (Miscellaneous Publication 1-1980; Forestry Series 31) Free.

_____. Supplement. 1982. 62p. (Miscellaneous Publication 16-1982) Free. Order both publications from the Agricultural Experiment Station, University of Minnesota, St. Paul, MN 55108. 

QUICK BIBLIOGRAPHY SERIES

The bibliographies in this series are primarily computerized online or batch bibliographies emanating from searches performed by the NAL Reference Staff in response to customer requests.

Searches are selected for inclusion based on the currency of the topic, interest among clientele, relative length and probable value to a larger audience. Only one copy of a title will be sent; however, requestors may make copies. To request a copy of a Quick Bibliography send the title, series number, and a return addressed label to:

Reference Section, Room 111
National Agricultural Library
Beltsville, MD 20705

NAL--Q.B.--83-10. *Farmland Preservation, 1970-1982.* 133 citations from AGRICOLA searched by Henry Gilbert. December 1982.

NAL--Q.B.--83-11. *Potting Soils/Soil Mixes, 1969-1982*. 170 citations from AGRICOLA. Searched by Henry Gilbert. December 1982.

NAL--Q.B.--83-12. *Macadamia Nut Production, 1970-1982*. 218 citations from AGRICOLA. Searched by Jayne T. MacLean, December 1982.

NAL--Q.B.--83-13. *Low Sodium Diets, 1979-Nov. 1982*. 180 citations from AGRICOLA. Searched by Jayne T. MacLean. January 1983.

NAL--Q.B.--83-14. *EEC Trade Policies: Effect on World Agricultural Markets, 1970-1982*. 313 citations from AGRICOLA. Searched by Maria Pisa. January 1983.


NAL--Q.B.--83-15. *The Commodity Futures Market, 1979-1982*. 160 citations from AGRICOLA. Searched by Maria Pisa. January 1983.

NAL--Q.B.--83-16. *Plant Explorations and Introductions, 1980-1982*. 140 citations from AGRICOLA. Searched by Jayne T. MacLean. January 1983. Updates Q.B. 80-04.

NAL--Q.B.--83-17. *Urban Forestry, April 1981-December 1982*. 193 citations from AGRICOLA. Searched by Jayne T. MacLean. January 1983. Updates Q.B. 81-15.

NAL--Q.B.--83-18. *Acid Rain: Impacts on Agriculture, 1975-1982*. 234 citations from AGRICOLA. Searched by Sheldon Cheney. January 1983. Updates Q.B. 81-29.

NAL--Q.B.--83-19. *Kiwi Fruit, 1969-1982*. 225 citations from AGRICOLA. Searched by Sheldon Cheney. January 1983.


NAL--Q.B.--83-20. *Wind Energy in Agriculture, 1978-1982*. 129 citations from AGRICOLA. Searched by Jayne T. MacLean. January 1983. Updates Q.B. 80-09. 



NEW PUBLICATIONS OF NOTE

Aquaculture Research, a Directory of USDA and State Projects in CRIS. Compiled by Current Research Information System, for National Agricultural Library, USDA, Washington D.C., 1983. 357p. (Miscellaneous Publication 1432). Free as long as supply lasts. Request from Field & Special Programs, NAL, Beltsville, MD 20705 and enclose a return addressed mailing label.

Energy For Production Agriculture Summary Proceedings. A National Symposium for Extension Specialists. Nov. 16-18, 1982. St. Louis, Missouri. Sponsored by Cooperative Extension Service, University of Missouri; Extension Service, USDA; Northern Agricultural Energy Center, USDA; and Southern Agricultural Energy Center, USDA. 93 p. Free. Single copies are available as long as supply lasts from William Cox, Extension Service, Rm. 5533, So. Agric. Bg., 14th & Independence Ave., S.W. Washington, D.C. 20250. Distribution has been made by NAL to land-grant agricultural libraries.

Herbicide Influence on Foliar Amino Acid Content in Five Representative Southwestern Range - Plant Species. R.E. Meyer, H.E. Smally, et. al. New Orleans, Agricultural Research Service (Southern Region) 1982. 71p. (Agricultural Research Results. ARR-S-13). Free. Request from Grassland Protection Research Unit, College Station, TX 77843. 



NAL PROJECTS AND POLICIES

NAL BOOK CATALOG SURVEY

Littlefield, Adams and Company, publisher of the *National Agricultural Library Catalog*, is conducting a survey of the users of the publication. They plan to mail a questionnaire in mid-February to *Agricultural Libraries Information Notes* subscribers, designed to provide input toward improving the usefulness of the monthly catalog.

Some of the topics covered by the survey include questions on the format of the catalog, its arrangement, record size, indexes, and the treatment and usefulness of foreign language entries. Also included are questions on the subject coverage and timeliness of the catalog, and inquiries to determine which types of bibliographic records are most helpful for the catalog's users. In addition, the publisher is asking if subscribers would be interested in purchasing a quinquennial index of the NAL Catalog covering the period from 1976 to 1980.

The Resource Development Division of NAL, responsible for creating the bibliographic contents of the publication, would appreciate the participation in the survey of all who use or have used the NAL Catalog. Any questions may be directed to Mr. Matthew Held, Head, Publishing Division, Littlefield, Adams & Co., 81 Adams Drive, Totowa, NJ 07512.

--Leslie A. Kulp, Chief
Resource Development Division, NAL
(301) 344-3825

USDA REGIONAL DOCUMENT DELIVERY SYSTEM ACTIVITIES

Discussions are underway to establish a

new document delivery region to include the land-grant institutions of Michigan, New York, Ohio, and Pennsylvania for service directly to USDA personnel.

Final data for FY-82 (Sept.-Oct.) are in. Requests received went up to 62,000; this is 3,000 over the previous year. Completions also increased as did the fulfillment rate to 77.2%, up slightly. Costs remained relatively the same on a transaction basis at \$2.87 based on total items received, \$3.71 when figured on items completed. Total cost of the service in FY-82 was \$179,555. A very remarkable performance for which the USDA personnel in the States, and NAL, are very appreciative.

All participating libraries are encouraged to send a representative to New Orleans, June 10, for a day of meetings with USDA field librarians and NAL staff members. This follows Special Libraries Association Annual Meeting, June 5-9.

--Wallace C. Olsen, Chief
Field & Special Programs,
(301) 344-3834

COOPERATIVE MICROFILMING: LAND GRANTS

The films of titles managed by the University of Delaware in the current cooperative project were received from Graphic Microfilm in December. The two sets of film, one positive and one negative, each consisted of 31 reels. The Delaware filming consisted of 17,861 frames, or an estimated 30,364 pages. Mr. Pawlowski of Graphic Microfilm also reports that Pennsylvania and Maryland filming are also completed, and that New Jersey (Rutgers) is in progress. Frame counts for Pennsylvania and Maryland will be given when the film is delivered.

--Joseph Swab, Head
Maintenance (Bookstacks),
(301) 344-3875

**NATIONAL ASSOCIATION OF STATE UNIVERSITIES
AND LAND-GRANT COLLEGES' NAL COMMITTEE**

As previously announced, the Association's Division of Agriculture established a permanent committee on the NAL last November. These individuals have been invited by the Division to serve 2- or 3-year terms:

Dr. Daniel Padberg, Chairman, University of Massachusetts

Dr. Anne Rideout, University of Connecticut, representing the Division's Extension Committee on Policy

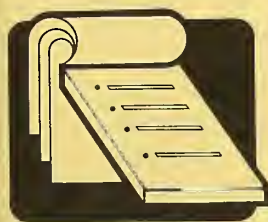
Dr. Keith Roe, Life Sciences Librarian, Pennsylvania State University

Dr. Dudley Smith, Texas A&M University, representing the Division's Experiment Station Committee on Policy

Dr. Eldred Smith, Director of Libraries, University of Minnesota

Dr. Ross T. Wilkinson, North Dakota State University, representing the Division's Resident Instruction Committee on Policy

--Wallace C. Olsen, Chief
F&SP, NAL
(301) 344-3834



**NEW SERIALS
RECEIVED
AT NAL**

English Hops. Paddock Wood, Kent, Hops Marketing Board. bi.-m. Jan. 1981-
TP585.E5

Guar Newsletter. Hissar, Indian Society of Forage. a. Vol. 1, 1980-
SB317.G75G9

Journal of Wood Chemistry and Technology. New York, Marcel Dekker. s.-a. Vol. 1, no. 1, 1981-
TS932.J68

Mycology Series. New York, Marcel Dekker. irr. Vol. 2, 1981-
QK600.S4

Polyhedron. Oxford, New York, Pergamon. m. Vol. 1, no. 1, 1982-
QD1.J64

Sanctuary Asia. Bombay, S. Kumar. q. Vol. 1, Oct./Dec. 1981-
SB107.A6

Tasks for Vegetation Science. The Hague, Boston, Dr. W. Junk Publishers. irr. Vol. 1, 1981-
QK1.T37



**REGISTER TO THE LAYNE R. BEATY
MANUSCRIPT COLLECTION**

The Layne R. Beaty Collection centers on the history of farm radio and television broadcasting in the United States. Special emphasis is on the origins and development of the *National Farm and Home Hour*, aired on NBC from 1928 to 1960, which was co-sponsored by the United States Department of Agriculture and NBC as a public service program for farmers and homemakers. The collection consists of photographs; correspondence; reports; surveys; newspaper clippings; magazine articles; farm radio and television station promotional literature; annual directories, reports, and yearbooks; annual convention literature; and professional newsletters--all relating to farm radio and television broadcasting and/or the *National Farm and Home Hour*. It also contains a small number of documents relating to the *Voice of America* and *Clear Channel Broadcasting*. An index to this collection is in preparation. Publication is planned for the Fall of 1983. For further information contact Alan Fusonie, Information Access Division, NAL. (301) 344-3876.





AGRICULTURE DATEBOOK

May 16-19: *Agricultural Chemicals of Future*. VIII Beltsville Symposia in Agricultural Research. Beltsville Agricultural Research Center, Beltsville, MD. Contact: J.L. Hilton, Room 235, Bldg. 001, BARC, Beltsville, MD 20705. Telephone: 301-344-3029.

May 24-27: *BioEnergy Conference*. World Congress Center, Atlanta, GA. Contact: Frank Kinder, Show Mgr., Ralph Whitener Co., 17413 Dulles International Airport, Washington, D.C. 20041.

May 31-June 3: *International Conference on Building Energy Management*. Iowa State University. Contact: James E. Woods, ICBEM-II, 110 Marston Hall, University of Iowa, Ames, IA 50011.

June 1-4: *Third Symposium on Coast and Ocean Management*. COASTAL ZONE '83. Town and Country Inn, San Diego, CA. Contact: Coastal Zone '83, P.O. Box 26062, San Francisco, CA 94126.

June 9: *Food and Nutrition Division and Agricultural Librarians Roundtable*. Special Libraries Association. New Orleans, LA. Contact: W.C. Olsen, Chief, F&SP, National Agricultural Library Beltsville, MD 20705.

June 10: *USDA Field Librarians and Information Specialists*. Contact: W.C. Olsen, Chief, F&SP, National Agricultural Library, Beltsville, MD 20705.

June 26-29: *American Dairy Science Association*. University of Wisconsin, Madison, WI. Contact: Claude J. Cruse, Exec. Sec., 309 W. Clark Street, Champaign, IL 61820.

June 26-30: *American Phytopathologic Society*. Iowa State University, Ames, IA. Contact: R.J. Tarleton, Exec. V.P., 3340 Pilot Knob Road, St. Paul, MN 55121.

July 17-21: *American Veterinary Medical Association*. New York Hilton and Sheraton Center, NY. Contact: Russell G. Rongren, Dir. Bus. Div., 930 N. Meacham Road, Schaumburg, IL 60196.

July 30-August 4: *American Soybean Association*. Opryland, Nashville, TN. Contact: Ken R. Bader, Chief Exec. Off., Box 27300, Craig Road, St. Louis, MO 63141.

July 31-August 3: *"Resource Information for Conservation Decisions."* 38th Annual Meeting. Soil Conservation Society of America. Parkview Hilton Hotel, Hartford, CT. Contact: Max Schnepf, Ankeny, IA 50021. Telephone: (515) 289-2331.

July 31-August 3: *American Agricultural Economic Association*. Purdue University, Lafayette, IN. Contact: Sydney C. James, Sec.-Treas., Dept. Economics, Iowa State University, Ames, IA 50011.

August 9-10: *Poultry Science Association*. University of Maryland, College Park. Contact: Claude J. Cruse, Exec. Sec., 309 W. Clark Street, Champaign, IL 61820

August 14-19: *Solar World Congress*. Perth, Western Australia. Congress Coordinator: Solar World Congress, Perth 1983, GPO Box X2275, Perth, W.A. 6001 Australia.

September 10-14: *International Association of Fish and Wildlife Agencies*. 73rd Annual Meeting. Red Carpet Hotel, Milwaukee, WI.

October 16-19: *Food Marketing Institute Fall Conference*. Washington-Hilton, Washington, D.C. Contact: Michael Muldoon, Pres., 1750 K Street, STE 700, Washington, D.C. 20006.

AGRICULTURAL LIBRARIES INFORMATION NOTES

provides a channel of communication to technical information specialists, librarians, extension workers, researchers, and scientists on agricultural information activities. It is published monthly by the U.S. Department of Agriculture, National Agricultural Library, Beltsville, MD 20705. Leila Moran, Editor.

